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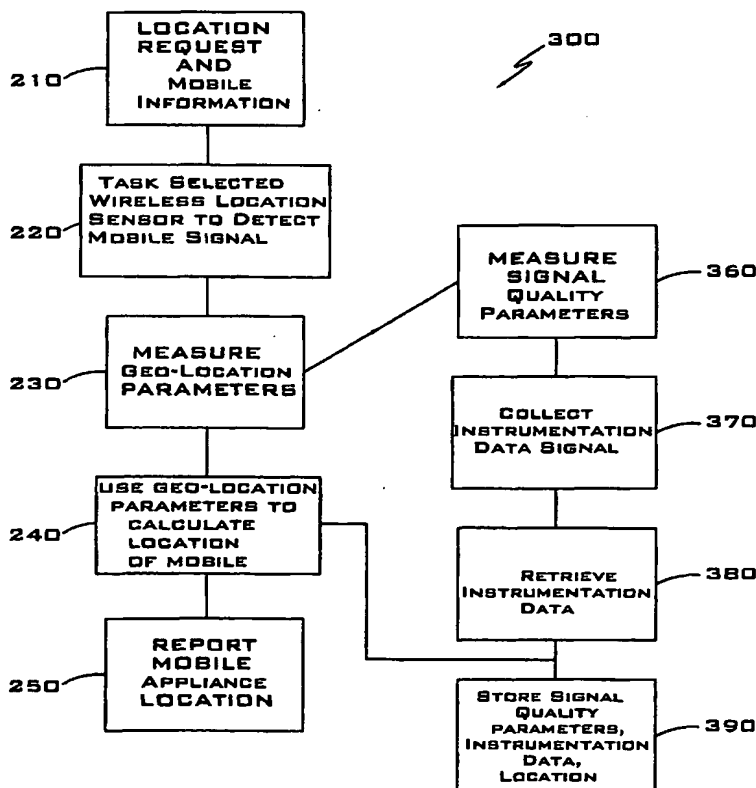
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(54) Title: **WIRELESS COMMUNICATION NETWORK MEASUREMENT DATA COLLECTION USING INFRASTRUCTURE OVERLAY-BASED HANDSET LOCATION SYSTEMS**



(57) Abstract: A method and system for collecting test and measurement data for a wireless communication system utilizes a network overlay geo-location system to collect the data. The wireless communication system has plural base stations defining a signal coverage area for communication with a mobile appliance and collects test and measurement data simultaneous on the forward and reverse links during standard geo-location processes. The wireless communication system also collects test and measurement data when the network overlay geolocation system is in an idle state.

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